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Figure 1. Lexical structure tree of the symbol strings of  
the Zhu-Yin (BoPoMoFo) phonetic system.

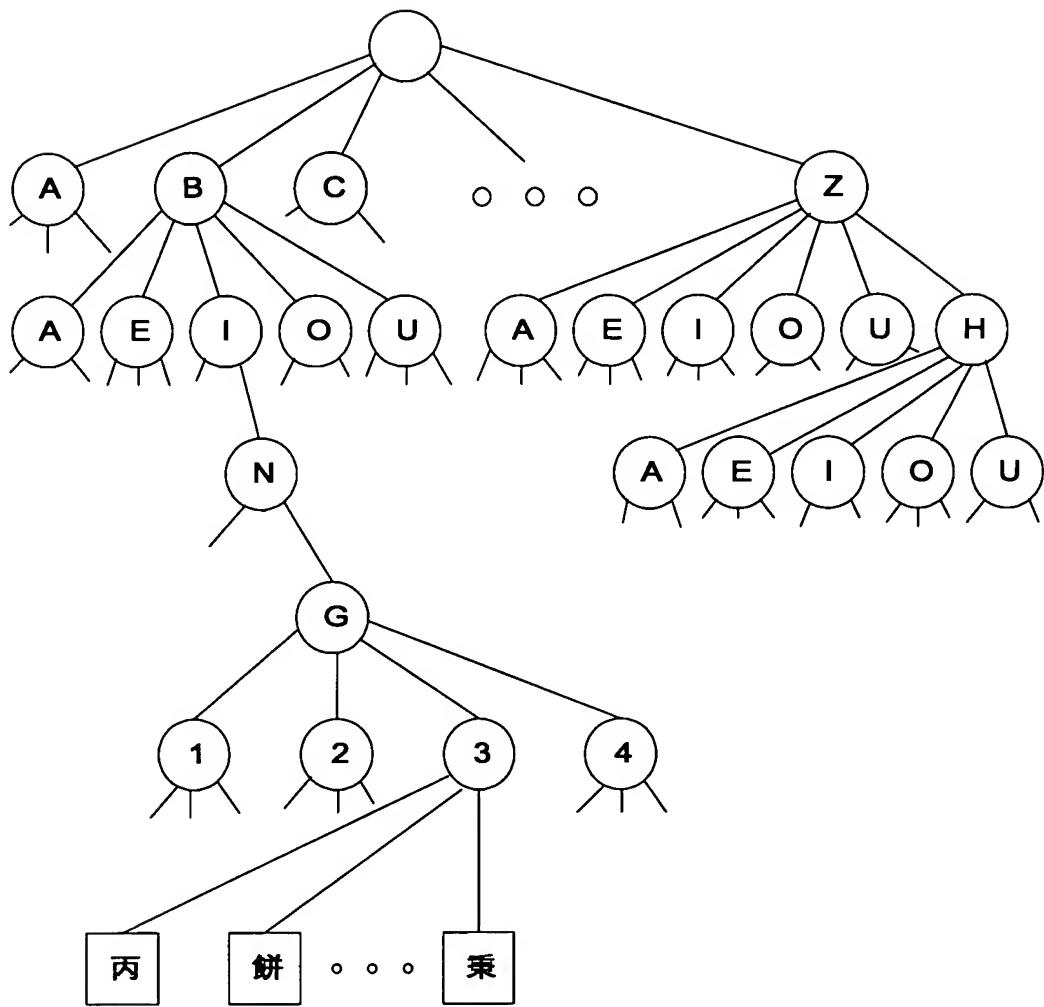


Figure 2. Lexical structure tree of the symbol strings of

the Pin-Yin phonetic system.

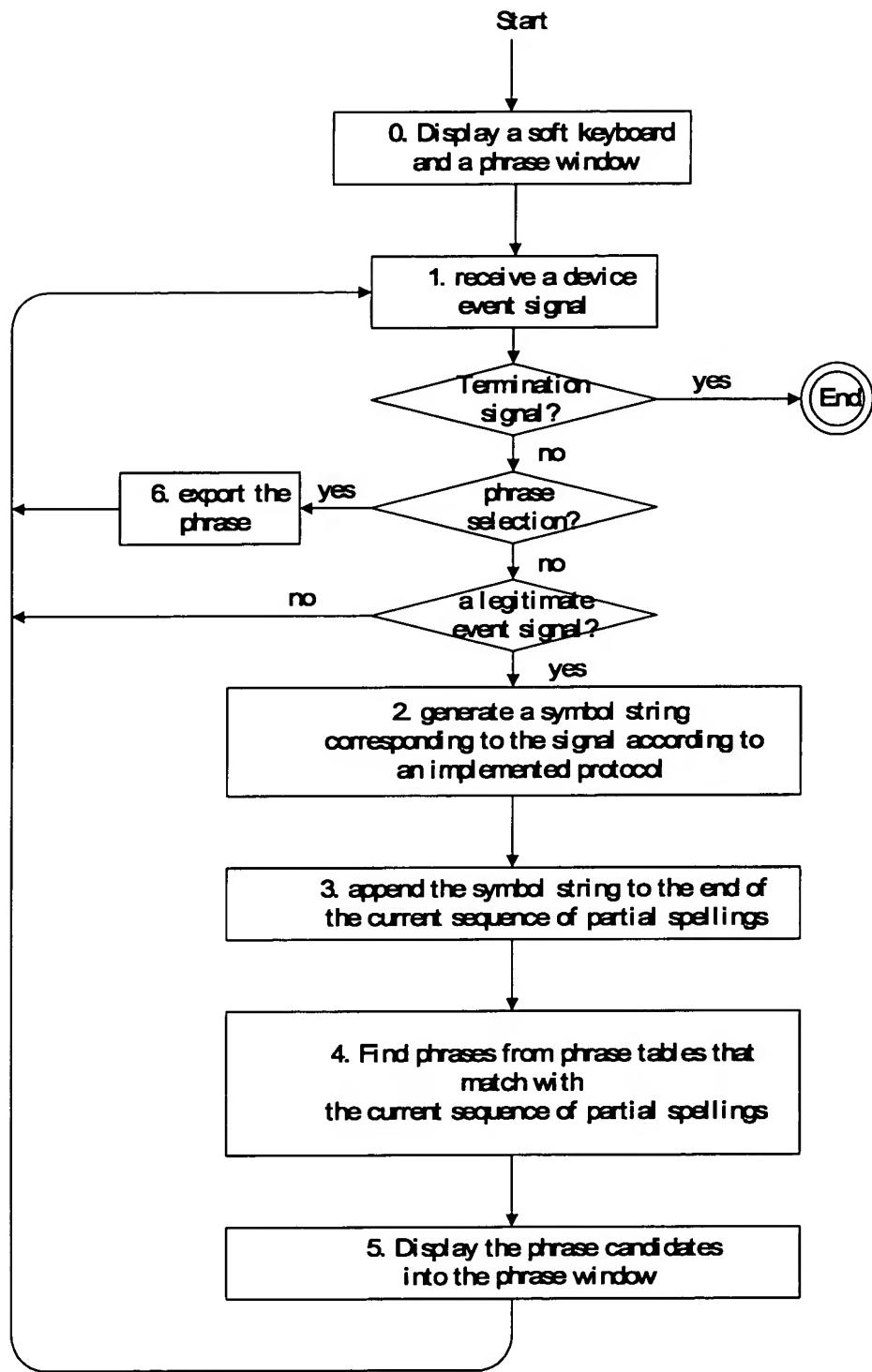


Figure 3. Flow chart of the program that supports

the browsing-base Chinese input method.

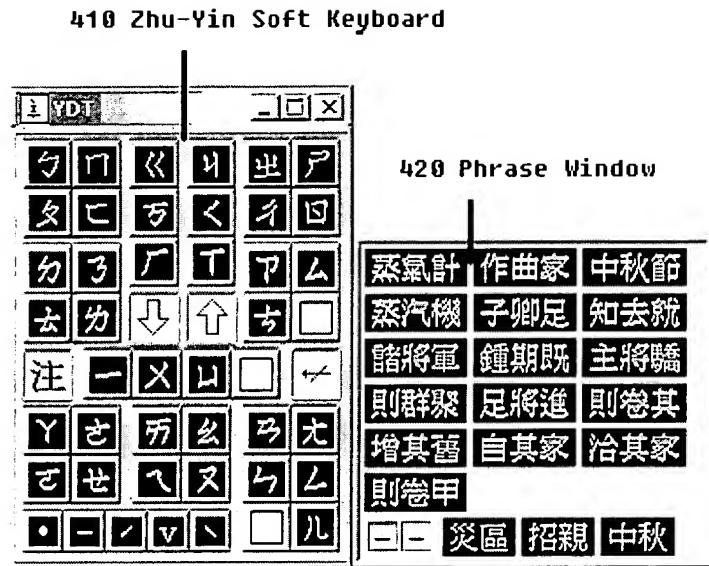


Figure 4. System components (Zhu-Yin phonetic system).

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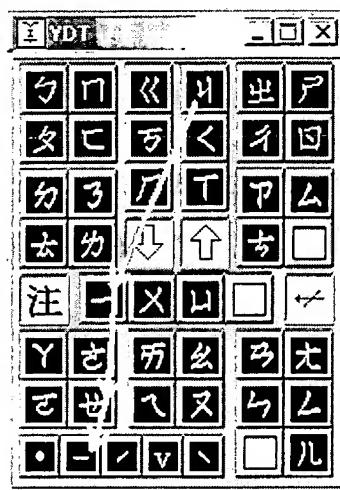


Figure 5. Press-Touch-Release-Touch (PTRT) operation for “**𠂇 一 世 1**”

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on the Zhu-Yin Keyboard.

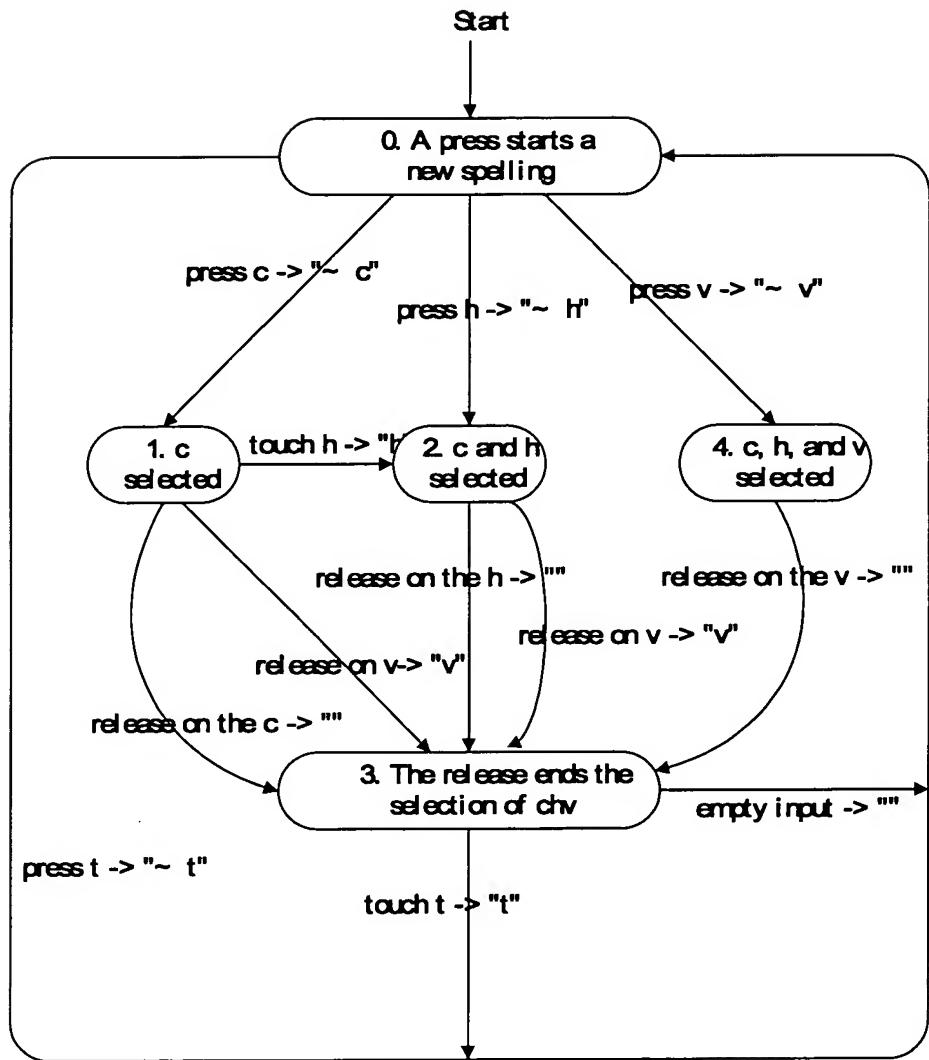
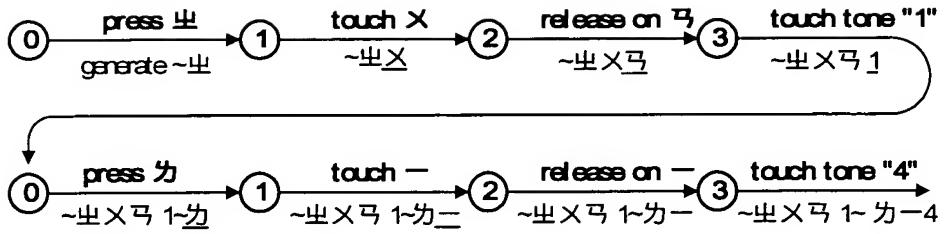


Figure 6. State transition diagram of the  
automatic partial Zhu-Yin spelling separation protocol.



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Figure 7. Generation of the sequence of the full Zhu-Yin Spellings “~虫X马 1~力一 4” of “專利”.

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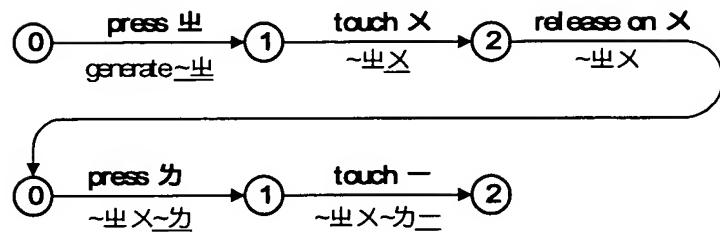


Figure 8. Generation of the sequence of the partial Zhu-Yin Spellings “~虫X~力一” of “專利”.

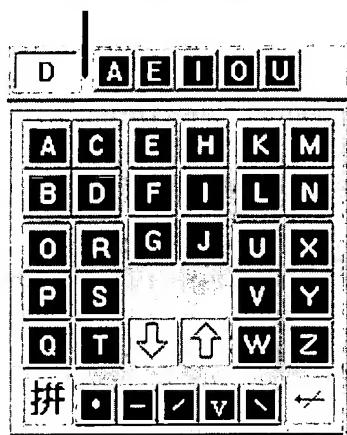
**910 Pin-Yin Initial keyboard**



Figure 9. System components (Pin-Yin phonetic system).

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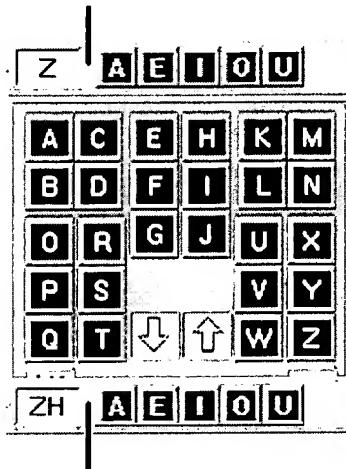
**1010 The next substring panel of "D"**



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Figure 10. The next substring panel of "D".

**1110 The first next substring panel of "Z"**



**1120 The second next substring panel of "Z"**

Figure 11. The next substring panels of “Z”.

(Pin-Yin phonetic system)

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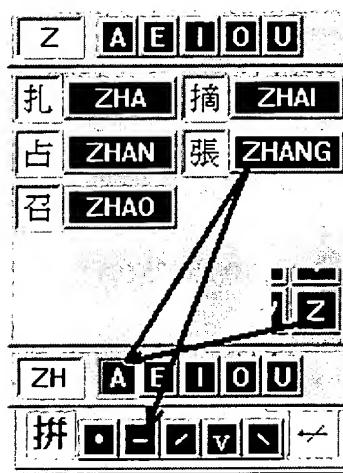


Figure 12. Press-Touch-Release-Touch operation for “ZHANG1”

on the Pin-Yin keyboard.

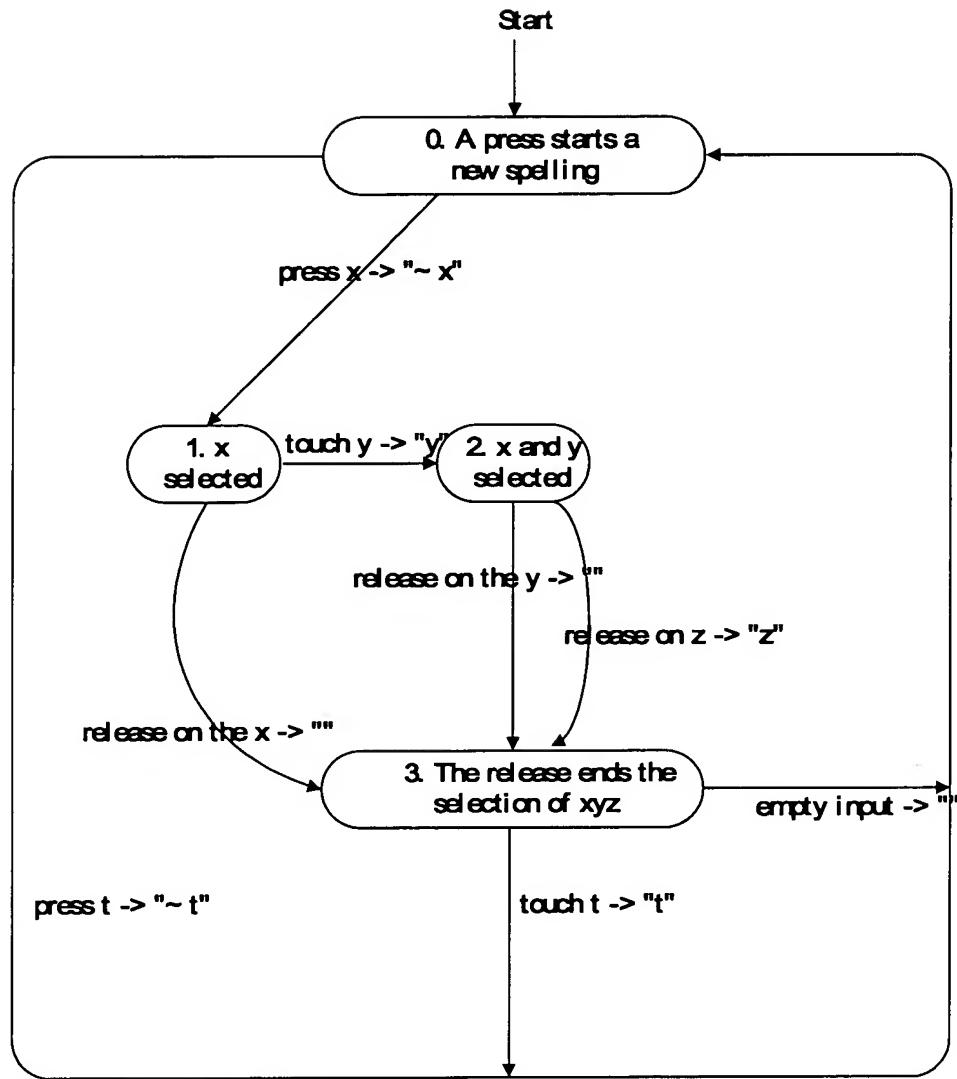
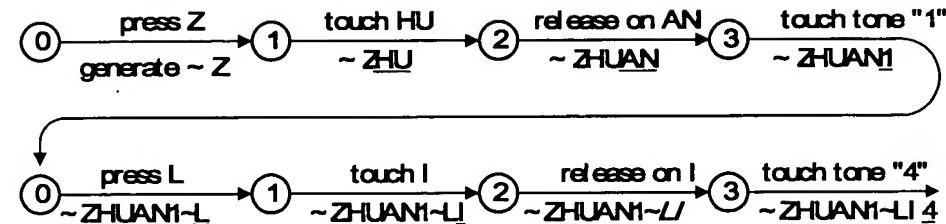


Figure 13. State transition diagram of the  
automatic partial Pin-Yin spelling separation protocol.



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Figure 14. Generation of the sequence of the full Pin-Yin Spellings “~ZHUAN1 ~ LI4” of “專利”.

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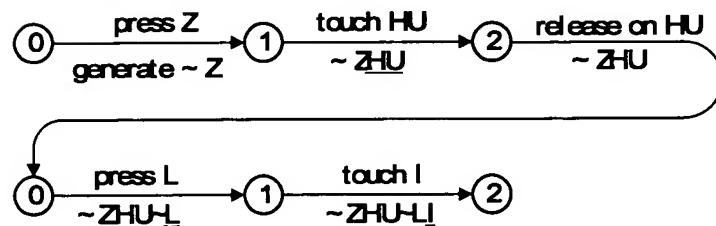


Figure 15. Generation of the sequence of the partial Pin-Yin Spellings “~ZHU ~ LI” of “專利”.